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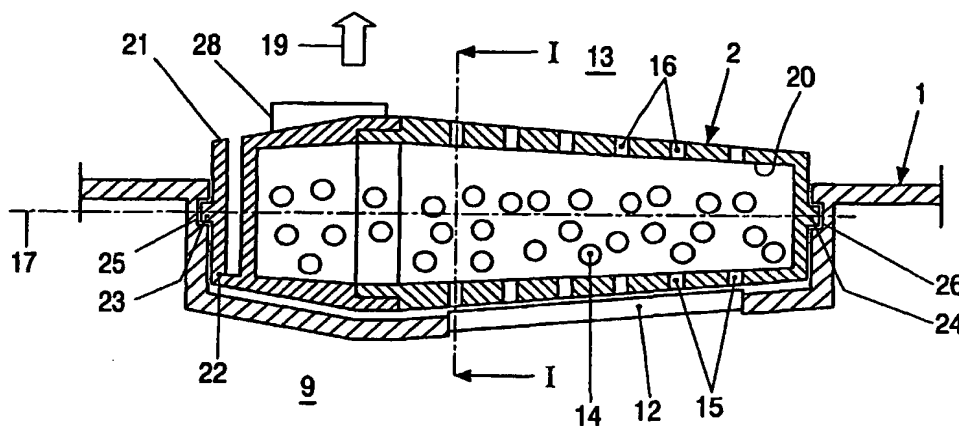
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(54) Title: FRAGRANCE DISPENSER, DOMESTIC APPLIANCE INCLUDING SUCH A FRAGRANCE DISPENSER, AND CARTRIDGE FOR SUCH A FRAGRANCE DISPENSER



(57) Abstract: A fragrance dispenser has a housing portion (1), through which an air discharge passage (12) extends, and a cartridge (2) carrying a fragrant substance and having vents (15, 16) for allowing air to pass for entraining fragrance from the cartridge (2). The cartridge (2) is removably mounted and rotatably adjustable about an axis of rotation (17) between a first position for allowing no or little air to pass through and a second position for allowing more air to pass through than in the first position. The cartridge (2) is removable in a direction transverse to the axis of rotation (17) and contains a granular fragrance carrier substrate. A domestic appliance including such a dispenser and a cartridge for use therein are also described.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/TB 03/02200

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47L7/04 A61L9/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 201 173 A (SEB SA) 2 May 2002 (2002-05-02) abstract paragraph [0043] - paragraph [0047] paragraph [0052] - paragraph [0053] figures 1-4,7	1,12,13
A	----- US 2 302 548 A (HEUBERGER J F) 17 November 1942 (1942-11-17) the whole document	1,12,13
A	----- US 4 554 698 A (RENNECKER D B ET AL) 26 November 1985 (1985-11-26) cited in the application abstract figures	1,12,13
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "8" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/02200

☒ (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 511 278 A (SHORTHILL R C) 30 April 1996 (1996-04-30) cited in the application abstract figures -----	1,12,13
A	GB 342 185 A (CLARKE A A) 29 January 1931 (1931-01-29) figures -----	1,12,13
A	GB 2 268 798 A (AMCOR CO LTD) 19 January 1994 (1994-01-19) abstract figures -----	1,13

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 03/02200

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-7, 12, 13.

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7,12 (when dependent on anyone of claims 1-7),13

A cartridge carrying a fragrant substance, the cartridge being removably mounted to a housing and rotatably adjustable about an axis of rotation for adjusting an airflow through the cartridge, which air flow goes through the housing,

whereas the cartridge is removable from the housing in a direction transverse to said axis of rotation.

2. claims: 8-11,12 (when dependent on anyone of claims 8-11),14

A cartridge carrying a fragrant substance, the cartridge being removably mounted to a housing and rotatably adjustable about an axis of rotation for adjusting an airflow through the cartridge, which air flow goes through the housing,

whereas the cartridge contains a granular fragrance carrier substrate.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern. Application No

PCT/IB 03/02200

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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GB 2268798	A	19-01-1994	NONE	